| LAST Search Thistory |      |                               |   |                     |         |                  |  |
|----------------------|------|-------------------------------|---|---------------------|---------|------------------|--|
| Ref<br>#             | Hits | Search Query                  | DBs   | Default<br>Operator | Plurals | Time Stamp       |  |
| L3                   | 562  | isolation adj vias            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 16:33 |  |
| L4                   | 1    | 3 and (signal adj pair)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 16:34 |  |
| 15                   | 1    | 3 and (differential adj pair) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 16:34 |  |
| S1                   | 2803 | (174/262-266).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/03/17 07:53 |  |
| S2                   | 784  | S1 and pair                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 08:24 |  |
| <b>S</b> 3           | 2019 | S1 not S2                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 08:24 |  |
| S4                   | 1077 | S3 and @py<"2000"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 08:43 |  |
| S5                   | 942  | S3 not S4                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/17 09:03 |  |

| S6        | 18578   | signal adj pair   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 09:04 |
|-----------|---------|---|---|----|----|------------------|
| S7.       | 9195    | S6 and (via hole feedthrough)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 09:04 |
| <b>S8</b> | 3`80729 | pcb pwb (printed adj circuit)<br>((wiring cirucit) adj board) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ΟŅ | 2006/03/17 09:05 |
| S9        | 969     | S8 and S7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 09:05 |
| S10       | 953     | S9 not S1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 09:05 |
| S1:1      | 1       | (signal adj pair) with BGA                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 11:03 |
| S12       | 7       | (signal adj pair) same BGA                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 11:04 |
| S13       | 7       | (signal adj pair) with via with (pad<br>land)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 11:05 |

| S14   | 341  | (signal adj pair) and (via with (pad land))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:07 |
|-------|------|--|---|-----|----|------------------|
| S15   | 11   | S14 and bga                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:07 |
| S16   | 88   | (signal adj pair) and (hole with (pad land)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:10 |
| S17   | 2    | S16 and bga                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:07 |
| S18   | 3497 | bga with pad                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:10 |
| S19 · | 209  | S18 and @py="1999"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | .OR | ON | 2006/03/17 11:11 |
| S20   | 2161 | (signal adj pair) and (signal adj<br>source) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:15 |
| S21   | 186  | S20 and pad                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:12 |

|     | ·   |   |   | I . |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S22 | 55  | ("3638131"   "4214213"   "4517476"   "4611130"   "4724339"   "4812684"   "4926069"   "4963767"   "4987319"   "5017813"   "5027011"   "5043602"   "5045725"   "5045804"   "5063310"   "5066877"   "5172330"   "5196733"   "5220213"   "5289048"   "5298810"   "5309036"   "5317210"   "5329460"   "5355035"   "5426383"   "5497108"   "5504440"   "5512765"   "5543640"   "5552721"   "5614844"   "5631578"   "5692147"   "5786710").PN. OR ("6002268"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON | 2006/03/17 11:13 |
| S23 | 172 | (signal adj pair) with (signal adj<br>source)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/03/17 11:15 |